



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paton et al.

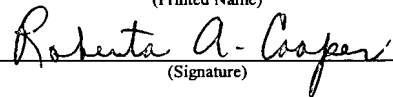
Title: FRONT SIDE SEAL TO
PREVENT GERMANIUM
OUTGASSING

Appl. No.: 10/620,194

Filing Date: 07/15/2003

Examiner: Joannie A. Garcia

Art Unit: 2823

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

02/10/2005 EABUSAK1 00000151 10620194

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEE

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

Date 2/7/2005

By 

FOLEY & LARDNER LLP
Customer Number: 26371
Telephone: (414) 297-5564
Facsimile: (414) 297-4900

Marcus W. Sprow
Attorney for Applicant
Registration No. 48,580

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: February 7, 2005

(use as many sheets as necessary)

Complete if Known

Application Number	10/620,194
Filing Date	07/15/2003
First Named Inventor	Eric N. Paton
Group Art Unit	2823
Examiner Name	Joannie A. Garcia
Attorney Docket Number	039153-0646 (H0975)

Sheet	1	of	2
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code 2 (if known)			
	A1	2004/0089914	A1	Mouli et al.	05-13-2004	
	A2	2004/0061161	A1	Radens et al.	04-01-2004	
	A3	6,673,696	B1	Arasnia et al.	01-06-2004	
	A4	2003/0139051	A1	Andideh et al.	07-24-2003	
	A5	2003/0049893	A1	Currie et al.	03-13-2003	
	A6	6,524,931	B1	Perera	02-25-2003	
	A7	6,468,853	B1	Balasubramanian et al	10-22-2002	
	A8	2002/0098689	A1	Chong et al.	07-25-2002	
	A9	2002/0045312	A1	Zheng et al.	04-18-2002	
	A10	6,214,696	B1	Wu	04-10-2001	
	A11	5,700,712		Schwalke	12-23-1997	
	A12	5,668,044		Ohno	09-16-1997	
	A13	5,455,194		Vasquez et al.	10-03-1995	
	A14	5,266,813		Comfort et al.	11-30-1993	

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A19	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/007464; International Filing Date 03-11-2004; 6 pgs.	

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ If the document is not indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if

⁵Kind of document by the appropriate symbol.
English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: February 7, 2005 (use as many sheets as necessary)		Application Number	10/620,194
		Filing Date	07/15/2003
		First Named Inventor	Eric N. Paton
		Group Art Unit	2823
		Examiner Name	Joannie A. Garcia
Sheet	2	of	2
		Attorney Docket Number	039153-0646 (H0975)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A20	International Search Report; International Application No. PCT/US2004/007464; mailed 01/09/2004; 3 pgs.	
	A21	OHKUBO, Satoshi; TAMURA Yasuyuki; SUGINO, Rinji; NAKANISHI, Toshiro; SUGITA, Yoshihiro; AWAJI, Naoki and TAKASAKI, Kanetake; "High Quality Ultra-Thin (4nm) Gate Oxide by UV/O ₃ Surface Pre-Treatment of Native Oxide"; 1995 Symposium On VLSI Technology; Digest of Technical Papers; June 6-8, 1995; Kyoto, Japan; 3 pgs.	
	A22	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/000982; International Filing Date 01-13-2004; 6 pgs.	
	A23	International Search Report for PCT/US2004/000982, 4 pages.	
	A24	Wolf, Stanley, Ph.D. and Tauber, Richard N., Ph.D.; "Silicon Processing For The VLSI Era"; Vol. 1: Process Technology; Lattice Press; 1986; pp. 57-58, 194	
	A25	Ghandhi, Sorab K. "VSLI Fabrication Principles"; John Wiley and Sons; 1983; pp. 422-423	
	A26	VAN ZANT, Peter, "Microchip Fabrication", McGraw Hill, 1977, pages 31 and 39	
	A27	VOSSSEN, John L. and KERN, Werner, "Thin Film Processes II, Academic Press, 1991, page 333	
	A28	RIM, K., WELSER, J., HOYT, J.L., and GIBBONS, J.F., "Enhanced Hole Mobilities in Surface-channel Strained-Si p-MOSFETs", 1995 International Electron Devices Meeting TECHNICAL DIGEST, 5 pages.	
	A29	WELSER, J., HOYT, J.L., TAKAGI, S. and GIBBONS, J.F., "Strain Dependence of the Performance Enhancement in Strained-Si n-MOSFETs", 1994 International Electron Devices Meeting TECHNICAL DIGEST, San Francisco, CA December 11-14, 1994, 5 pages.	

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Signature

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